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**From:** Washington, John [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=FDC3E8CE9F1D45C4894881FF420CA104-WASHINGTON, JOHN]  
**Sent:** 8/28/2019 6:08:10 PM  
**To:** Bergman, Erica [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=user69ab393b]; Goodrow, Sandra [Sandra.Goodrow@dep.nj.gov]  
**CC:** Lindstrom, Andrew [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=04bf7cf26aa44ce29763fbc1c1b2338e-Lindstrom, Andrew]; Strynar, Mark [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=5a9910d5b38e471497bd875fd329a20a-Strynar, Mark]  
**Subject:** Re: Questions on PFAS-related facilities near/in NJ  
**Attachments:** Arkema Patent.pdf

Hi Erica,

Yes it sounds like I ought to talk with Sandra.

Based on the attached patent, Arkema King of Prussia does look like it had R&D going on there.

Thanks,  
John

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**From:** Bergman, Erica <Erica.Bergman@dep.nj.gov>  
**Sent:** Wednesday, August 28, 2019 2:03 PM  
**To:** Washington, John <Washington.John@epa.gov>; Goodrow, Sandra <Sandra.Goodrow@dep.nj.gov>  
**Cc:** Lindstrom, Andrew <Lindstrom.Andrew@epa.gov>  
**Subject:** RE: Questions on PFAS-related facilities near/in NJ

John,

Sandra has been working on mapping potential PFAS sources in NJ, so she would be best to talk to, however she is on vacation until Sept.5. I'm not sure how much she knows about industry outside NJ.

I believe the King of Prussia, PA Arkema location is research & development and was not linked to PFAS production or use. I'm not sure about the other Arkema locations.

Asahi in Bayonne, NJ is no longer operating and has not been for some time (there is now a shopping mall at that location). They did use PFAS, primarily PFOA, with PFNA present at lower concentrations. They have extensive groundwater impacts with high concentrations of PFAS, but luckily it is not a groundwater use area. It is also unknown if they ever had an air discharge. Let me know if you need any more details about Asahi and I can provide you with case manager contact information.

You may also know that Solvay purchased their SURFLON from Asahi in Japan.

Sandra may be able to add to this, sorry I couldn't be of more help.

Erica

*Erica Bergman*

**NJ Department of Environmental Protection**

Site Remediation Program – Bureau of Case Management

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**From:** Washington, John <Washington.John@epa.gov>

**Sent:** Wednesday, August 28, 2019 9:00 AM

**To:** Bergman, Erica <Erica.Bergman@dep.nj.gov>; Goodrow, Sandra <Sandra.Goodrow@dep.nj.gov>

**Cc:** Lindstrom, Andrew <Lindstrom.Andrew@epa.gov>

**Subject:** [EXTERNAL] Questions on PFAS-related facilities near/in NJ

Hi Erica and Sandra,

I have started drafting a manuscript on the NJ soils-PFAS. As part of the introduction, I am discussing the EPA PFOA Stewardship Program, in which eight firms were signatories agreeing to cut use of long-chain PFAS. As I was reviewing this, I was surprised to find that six of these eight firms have facilities in or near New Jersey. I am pasting my summary below. I have some uncertainties for this list that I wanted to check on with you. In particular:

- 1) Asahi's Stewardship memo indicates they had PFAS production in Bayonne, but I remain uncertain whether the following include PFAS production/use or are just offices: Arkema, Ciba, Daikin; and
- 2) Arkema's Stewardship memo indicates that they used PFNA and some of their locations are not far from Solvay. What do you know about Arkema and PFNA use or release?

Are either of you free to talk on the phone today?

Thanks,  
John

PFOA Stewardship Program Industries		
190828		
JW		
Signatory Firm	Sites (near/in New Jersey)	Likely Manufacturing/Use Near NJ?
3M/Dyneon	St Paul, Minn	no
Arkema Inc.	Birdsboro, PA, Bristol, PA, Exton, PA, King of Prussia, PA, West Chester, PA	Used PFNA but where???
Asahi Glass	Bayonne, NJ	yes (according to Stewardship memo)
Ciba Specialty Chemical	New Port, DE	
Clariant International	Germany	no
Daikin America, Inc.	Orangeburg, NY	
DuPont	Wilmington, DE, Penns Grove, NJ	yes
Solvay Solexis	West Deptford, NJ	yes

**From:** Bergman, Erica <Erica.Bergman@dep.nj.gov>

**Sent:** Friday, August 9, 2019 2:14 PM

**To:** Buckley, Timothy <Buckley.Timothy@epa.gov>; Azzam, Nidal <Azzam.Nidal@epa.gov>

**Cc:** Sullivan, Kate <Sullivan.Kate@epa.gov>; Washington, John <Washington.John@epa.gov>; Lindstrom, Andrew <Lindstrom.Andrew@epa.gov>; Strynar, Mark <Strynar.Mark@epa.gov>; Medina-Vera, Myriam <Medina-Vera.Myriam@epa.gov>

**Subject:** RE: NJ DEP Report #4 NTA Water

Tim,

I apologize for not getting back to you, having some difficulty retrieving voicemail, but received your call regarding wanting to discuss this further. Do you still want to set up a time to discuss? I'd like to include Sandra Goodrow.

Next Weds, Thurs would be best for us.

Thanks, Erica

*Erica Bergman*

**NJ Department of Environmental Protection**

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**From:** Buckley, Timothy <[Buckley.Timothy@epa.gov](mailto:Buckley.Timothy@epa.gov)>

**Sent:** Tuesday, July 30, 2019 8:03 AM

**To:** Azzam, Nidal <[Azzam.Nidal@epa.gov](mailto:Azzam.Nidal@epa.gov)>; Bergman, Erica <[Erica.Bergman@dep.nj.gov](mailto:Erica.Bergman@dep.nj.gov)>

**Cc:** Sullivan, Kate <[Sullivan.Kate@epa.gov](mailto:Sullivan.Kate@epa.gov)>; Washington, John <[Washington.John@epa.gov](mailto:Washington.John@epa.gov)>; Lindstrom, Andrew <[Lindstrom.Andrew@epa.gov](mailto:Lindstrom.Andrew@epa.gov)>; Strynar, Mark <[Strynar.Mark@epa.gov](mailto:Strynar.Mark@epa.gov)>; Medina-Vera, Myriam <[Medina-Vera.Myriam@epa.gov](mailto:Medina-Vera.Myriam@epa.gov)>

**Subject:** [EXTERNAL] NJ DEP Report #4 NTA Water

Nidal and Erica,

We are reconsidering what we can report given discrepancy in some duplicates. We are pursuing two actions in parallel: 1) revising the report to describe the PFAS detected and where but without semi-quantitation; and 2) investigating the option of rerunning sample extracts.

Our RTP labs have been shut down for the last month or so. We are expecting to be back in operation early next week.

I'm sorry for the delay in getting these results to you.

Tim Buckley

Timothy J. Buckley, Ph.D.

Director, Exposure Methods & Measurements Division (EMMD)

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